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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/589,327	09/27/2006	Engelbert Gmeilbauer	GMEILBAEUR-1 PCT	6524
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COLLARD & ROE, P.C. 1077 NORTHERN BOULEVARD ROSLYN, NY 11576			EXAMINER CARTAGENA, MELVIN A	
			ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/589,327	Applicant(s) GMEILBAUER, ENGELBERT	
	Examiner Melvin A. Cartagena	Art Unit 3754	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 17-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 17-19, 22 and 24-30 is/are rejected.
- 7) ☒ Claim(s) 20, 21 and 23 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>08142006, 09272006</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: In page 7, line 5, after the word "precluded" the extra "that" should be deleted.

In page 14, line 2; the reference number 40 is not a rod.

Appropriate correction is required.

Claim 19 is objected to because of the following informalities: in line 2 of the claim the reference character 40 does not indicate a rod. Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 22 is rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections. See MPEP § 2172.01. The omitted structural cooperative relationships are: the functions the disk (24) performs within the device claimed in claim 1.

4. Claim 25 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. It appears the compressor claimed in line 2, is a double inclusion of the compressor claimed in claim 17, line 11.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 17-19, 24 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 6,152,333 to Binder in view of US 1,972,181 to Chambers.

Binder shows a device 10 for dispensing flowable paste-like substance as seen in Figs. 1-3, having a housing 11, an accommodating chamber 12, a disposable pack, see column 2, lines 38-41, a discharge nozzle 13, a plunger, see column 2, lines 60-67, an air compressor 30 driven by a battery operated motor 20.

In reference to claim 24, see column 3, lines 27-29.

Binder is silent about the piston having a bore with a closable nut cap and a continuous sealing ring.

Chambers shows a device for dispensing flowable paste-like substance as seen in Fig. 1, having a piston 55 with a bore for valve 58 and a continuous sealing ring 57; the valve 58 has a nut 60 and a recess for the chain 61. It would have been obvious to a person with ordinary skill in the art at the time the invention was made to modify the device of Binder to include a piston with a continuous sealing ring and a valve to seal the piston to the cylinder during a dispensing operation and facilitate withdrawal of the piston from the cylinder during a refill operation as taught by Chambers.

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7. Claims 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 6,152,333 to Binder as modify by US 1,972,181 to Chambers as applied to claim 17 above, and further in view of US 5,615,805 to Yoncak.

The Binder-Chambers combination show all claimed features as discussed above except for the use of a removable heating device surrounding the accommodating chamber. Yoncak shows a removable heating device 10 surrounding the accommodating chamber 12. It would have been obvious to a person with ordinary skill in the art at the time the invention was made to place a heating element surrounding to the device of the Binder-Chambers combination in order to maintain proper material consistency when the device is use in cold weather as taught by Yoncak.

8. Claims 29 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 6,152,333 to Binder as modify by US 1,972,181 to Chambers as applied to claim 17 above, and further in view of US 7,163,130 to Lafond.

The Binder-Chambers combination show all claimed features as discussed above except for the use of CO₂ cartridges and a pressure reducer to pressurize the product. Lafond shows the use of CO₂ cartridge 4 and pressure reducer 5 to pressurize the content of the product in container 10. It would have been obvious to a person with ordinary skill in the art at the time the invention was made to modify the device of the Binder-Chambers combination to be used with a CO₂ cartridges and a pressure reducer to adjust for products with different densities and permit continuous use of the dispenser in the absence of electrical power as taught by Lafond.

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Allowable Subject Matter

9. Claims 20, 21 and 23 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Campbell shows a caulk gun.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvin A. Cartagena whose telephone number is (571) 272-4924. The examiner can normally be reached on M-F (8:30AM to 7:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin P. Shaver can be reached on (571) 272-4720. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/M. A. C./

Examiner, Art Unit 3754

/Kevin P. Shaver/

Supervisory Patent Examiner, Art Unit 3754